

## Vitellaro, Chandra

---

**From:** MONRO David <MONRO.David@deq.state.or.us>  
**Sent:** Friday, February 12, 2016 7:10 AM  
**To:** McClintock, Katie; Koprowski, Paul; Wroble, Julie; GRUNOW Greg; Narvaez, Madonna; Bray, Dave  
**Cc:** Hedgpeth, Zach; Downey, Scott  
**Subject:** RE: MSDS is available at this site...

I just had another meeting scheduled for 830, can we do 9 instead?

Please excuse any brevity, grammar or spelling as this was sent with a mobile.

----- Original message -----

From: "McClintock, Katie" <McClintock.Katie@epa.gov>  
Date: 02/11/2016 8:36 PM (GMT-08:00)  
To: MONRO David <MONRO.David@deq.state.or.us>, KOPROWSKI Paul <Koprowski.Paul@epa.gov>, "Wroble, Julie" <Wroble.Julie@epa.gov>, GRUNOW Greg <GRUNOW.Greg@deq.state.or.us>, "Narvaez, Madonna" <Narvaez.Madonna@epa.gov>, "Bray, Dave" <Bray.Dave@epa.gov>  
Cc: "Hedgpeth, Zach" <Hedgpeth.Zach@epa.gov>, "Downey, Scott" <Downey.Scott@epa.gov>  
Subject: RE: MSDS is available at this site...

Hi Dave -

Yes I am free in the morning. What time is best for you and I will make it happen.

-----Original Message-----

From: MONRO David [mailto:MONRO.David@deq.state.or.us]  
Sent: Thursday, February 11, 2016 8:34 PM  
To: McClintock, Katie <McClintock.Katie@epa.gov>; Koprowski, Paul <Koprowski.Paul@epa.gov>; Wroble, Julie <Wroble.Julie@epa.gov>; GRUNOW Greg <GRUNOW.Greg@deq.state.or.us>; Narvaez, Madonna <Narvaez.Madonna@epa.gov>; Bray, Dave <Bray.Dave@epa.gov>  
Cc: Hedgpeth, Zach <Hedgpeth.Zach@epa.gov>; Downey, Scott <Downey.Scott@epa.gov>  
Subject: RE: MSDS is available at this site...

Thanks Katie! I'm really glad you got to make it to both sites. If you're in tomorrow I'm hoping we could chat in the morning. I'm "free" until 9 but things have been moving quite quickly. After 9 I'm pretty much booked until noon.

Afternoon has some pockets that could be scheduled too, perhaps Paul could set something up....

Please excuse any brevity, grammar or spelling as this was sent with a mobile.

----- Original message -----

From: "McClintock, Katie" <McClintock.Katie@epa.gov>  
Date: 02/11/2016 8:23 PM (GMT-08:00)

To: KOPROWSKI Paul <Koprowski.Paul@epa.gov>, "Wroble, Julie" <Wroble.Julie@epa.gov>, GRUNOW Greg <GRUNOW.Greg@deq.state.or.us>, MONRO David <MONRO.David@deq.state.or.us>, "Narvaez, Madonna" <Narvaez.Madonna@epa.gov>, "Bray, Dave" <Bray.Dave@epa.gov>  
Cc: "Hedgpeth, Zach" <Hedgpeth.Zach@epa.gov>, "Downey, Scott" <Downey.Scott@epa.gov>  
Subject: RE: MSDS is available at this site...

Looks to me like these compounds (sodium dichromate and potassium dichromate) are both hex 6 compounds, so all chromium used at uroboros is chromium 6 which does not bode well for the emissions at Harriet tubman. We don't yet know the relative quantities used and Uroboros was much less sophisticated (I'm sure that was clear to you all too) and very understaffed and had serious concerns about their ability to collect records. Their owner is also going on a long planned family vacation tomorrow for two weeks. Please let me know how hard you want me to push them on producing records such as batch tickets over the last 5 months (which will give us some idea of frequency). They can also give us purchase records for the chromium compounds, but we didn't ask for that at this point. They were ask to directly send duplicates to Dave Monro (we didn't know Greg was assigned at that point). One last interesting note about uroboros is that they said they rarely melt leaded glass (twice a year was his estimate), but the gas is so corrosive he has to bypass he recuperators to avoid damaging them. I can't even imagine how bad the ambient lead levels are during those melts.

Thanks Dave and Greg for your flexibility this morning in us going out. We thought of going last minute (the idea struck me at 7am Thursday) but thought it was very beneficial to see the relative difference in sizes and sophistication of the facilities. Please let me know if there is any more inspection download you want on either source from us. We appreciate your help and are here if you need anything from us.

Katie

From: Koprowski, Paul  
Sent: Thursday, February 11, 2016 1:16 PM  
To: Wroble, Julie <Wroble.Julie@epa.gov>; grunow.greg@deq.state.or.us; David Monro (MONRO.David@deq.state.or.us) <MONRO.David@deq.state.or.us>; Narvaez, Madonna <Narvaez.Madonna@epa.gov>; Bray, Dave <Bray.Dave@epa.gov>  
Cc: McClintock, Katie <McClintock.Katie@epa.gov>; Hedgpeth, Zach <Hedgpeth.Zach@epa.gov>  
Subject: MSDS is available at this site...

<https://www.sciencelab.com/page/S/CTGY/10403>

This is the company where Uroboros got the products from.

Paul

Paul Koprowski  
U.S. EPA; Oregon Operations Office  
805 SW Broadway, Suite 500  
Portland, Oregon 97205  
(503) 326-6363